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Total Number of Pages in This Submission	8	Application No.	09/671,547
		Filing Date	September 27, 2000
		First Named Inventor	Seshadri Sathyamarayan
		Art Unit	2161
		Examiner Name	Nguyen, M.
		Attorney Docket Number	42390P9328

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gordon R. Lindeen III, Reg. No. 33,192  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	February 23, 2006

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Our Docket No.: 042390P9328

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sathyaranayanan, S. et al. )  
Application No.: 09/671,547 ) Examiner: Nguyen, M.  
Filed: September 27, 2000 )  
For: Method and Apparatus for Extracting )  
Relevant and Content Based on User )  
Preferences Indicated by User Actions ) Art Group: 2171

Mail Stop Appeal Brief  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**SUPPLEMENT TO APPEAL BRIEF  
IN SUPPORT OF APPELLANT'S APPEAL  
TO THE BOARD OF PATENT APPEALS AND INTERFERENCES**

Sir:

Appellant hereby submits this Supplement to the previous Appeal Brief in triplicate in response to the Notice of Non-Compliant Appeal Brief mailed February 8, 2006, in the above-referenced Application. This Supplement is directed to Sections III and V only. The matter for Sections III and V are intended to replace those sections in the Appeal Brief.

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<u>Debbie Casias</u> Signature	<u>02/23/2006</u> Date

### **III. STATUS OF THE CLAIMS**

Claims 1-25 are canceled.

Claims 26-72 are currently pending in the above-referenced application. All claims stand rejected.

Claims 56-72 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Kravets, U.S. Patent No. 6,363,377 ("Kravets").

Claims 26-28, 30-35, 37-38, 40-45, 47, 49, 51-52 and 54 stand rejected under 35 U.S.C. § 103(a) as obvious over Haitsuka, U.S. Patent No. 6,505,201 ("Haitsuka") in view of Davis, U.S. Patent No. 6,269,361 ("Davis").

Claims 29, 39, 46 and 53 stand rejected under 35 U.S.C. § 103(a) as obvious over Haitsuka, in view of Davis and Ryan, U.S. Patent No. 6,421,675 ("Ryan").

Claims 36, 48, 50, and 55 stand rejected under 35 U.S.C. § 103(a) as obvious over Haitsuka, in view of Davis and Kravets.

### **V. SUMMARY OF THE INVENTION**

Despite the advantages offered by the availability of an enormous amount of online information, accessing the information still requires a relatively high degree of skill and luck on the part of the user. The user needs to know what web sites to go to locate certain types of information. Often a user will utilize a search engine (such as Lycos, or Alta Vista) or a web content listing service (such as Yahoo) to find information about a particular topic, but the quality of information retrieved by these types of services often depends on the service chosen and the quality of the search query. Once results are returned, the user often has to sift through the results web page by web page to find one or more that have the desired information. The search process may need to be repeated

multiple times for a given search area depending on the particular aspect of a topic that the user desires information about. *See Background page 3, lines 9-18.*

A method and apparatus are described in the present application for extracting information relevant to the intent or purpose of a computer user based on that user's purpose or intent by automatically searching a number of sites on a network and filtering the results to maximize the relevance of the information presented to the user. *See Detailed Description page 5, lines 1-7.* In certain embodiments, at some point in a computer session, one or more queries related to the user's intent or purpose are generated and sent to one or more network sites. The results are returned to the user's computer for further filtering. *See Detailed Description page 5, lines 11-14.*

According to Claim 26, the invention can be described as a method. The method comprises the following steps:

monitoring usage of a web browser of a computer by a computer user during a usage session *see, as an example, block 310 of Figure 3 performed by the activity monitor 222 of Figure 2, see also specification page 10, lines 9-14 and page 12, line 11 to page 14, line 23;*

recording information at the computer including hypertext links selected by the user during the monitored session *see, for example, page 10, line 9, page 12, line 12, page 14, line 2;*

analyzing the recorded hypertext links at the computer to determine user interest for the session *see, for example, page 12, lines 12-13;*

automatically generating a search engine query by the computer based on the determined interest *see, for example, block 315 of Figure 3, performed by the query engine 224 of Figure 2, see also specification page 10, line 15 to page 11, line 2 and page 15, line 1 to page 16, line 7.*

transmitting the generated search engine query from the computer to at least one remote web site to query the at least one remote web site; *see, for example block 320 of Figure 3 and*

*receiving query results at the computer from the at lease one remote web site based on the query *see, for example block 325 of Figure 3, performed by results filter 226 of Figure 2, see also specification page 15, line 16, et seq., and example results of Figure 5.**

According to Claim 36, the invention can be described as A machine-readable medium having stored thereon data representing instructions which, when executed by a computer cause the computer to perform operations such as the operations of Claim 26. Support in the specification for the operations is provided above with respect to Claim 26. Support for the computer is provided in Figure 1 and the accompanying text, e.g. page 7, line 5 to page 9, line 4. Support for the instructions is provided in Figure 2 and on page 9, line 4, to page 12, line 2. The machine-readable media include memory 115, 165, storage devices 125, 175, and information sources 223, 225.

According to Claim 43, the invention can be described as a profile agent 220 for a computer system 105. The operations performed by the elements find support as described above for Claim 26. The hardware elements of the claim are shown in Figures 1 and 2 as follows:

an activity monitor 222 to monitor usage of a web browser 212 of the computer system 105 by a computer user during a usage session, to record information on the computer system including hypertext links selected by the user during the monitored session, and to analyze the recorded hypertext links at the computer system to determine a user interest for the session; and

a query engine 224 to automatically generate a search engine query at the computer system based on the determined interest, to transmit the generated search engine query from the computer system to at least one remote web site 230, 155 to query the at least one remote web site, and to receive query results at the computer system from the at least one remote web site based on the query.

According to Claim 51, the invention can be described as a computer system 105 with the following hardware elements:

- a processor 120;
- a network connection 141;
- an activity monitor 222 to monitor computer usage of a web browser 212 of the computer system 105 by a computer user during an Internet session, to record information at the computer system including hypertext links selected by the user during the monitored session, and to analyze the recorded hypertext links at the computer system to determine a user interest for the session; and
- a query engine 224 to automatically generate search engine queries at the computer system based on the user interest, to transmit the queries from the computer system to search engines on a plurality of remote Internet web sites, and to receive query results at the computer system from the plurality of remote web sites based on the automatically generated query.

According to Claim 56, the invention can be described as another method. The method comprises the following step:

transmitting an initial search query from a computer to a remote site over a network *see, as an example, block 320 of Figure 3 performed by the query engine 224 and web browser 212 of Figure 2, see also specification page 10, line 15 to page 11, line 2 and page 15, lines 15-17;*

receiving a search result document at the computer from the site, the search result document comprising a plurality of search result entries obtained in response to the initial search query *see, as an example, block 325 of Figure 3 performed by the query engine 224 and web browser 212, see also specification page 11, line 3 and page 15, line 16 to page 16, line 17;*

accessing pages at remote sites from the computer, the accessed pages being associated with at least some of the search result entries *see, for example, page 11, lines 14-15 and page 17, lines 6-8;*

filtering the search result entries at the computer by comparing information from the accessed pages to the initial search query *see, as an example, block 330 of Figure 3 and associated text; and*

selecting a subset of the search result entries based on the comparison *see, for example, page 11, lines 11-13 and page 16, line 18 to page 17, line 8.*

According to Claim 63, the invention can be described as another machine-readable medium. For the support for the machine and the machine-readable medium, see the paragraph above regarding Claim 36. For the operations performed by the machine, see the discussion above with respect to Claim 56.

According to Claim 67, the invention can be described as an apparatus 105 that includes query engine 224 and a results filter 226. The functions of these elements are discussed above with reference to Claim 56.

Finally, according to Claim 70, the invention can be described as a computer system 105, with a processor 120, a network connection 141, a query engine 224, and a results filter 226. The functions of these elements are also discussed above with respect to Claim 56.

## **CONCLUSION**

Appellant has attempted to answer the concerns of the Examiner in the recent Notice. If there are further concerns with the compliance of the Appeal Brief, the Examiner is invited to contact the undersigned directly.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: February 23, 2006

  
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